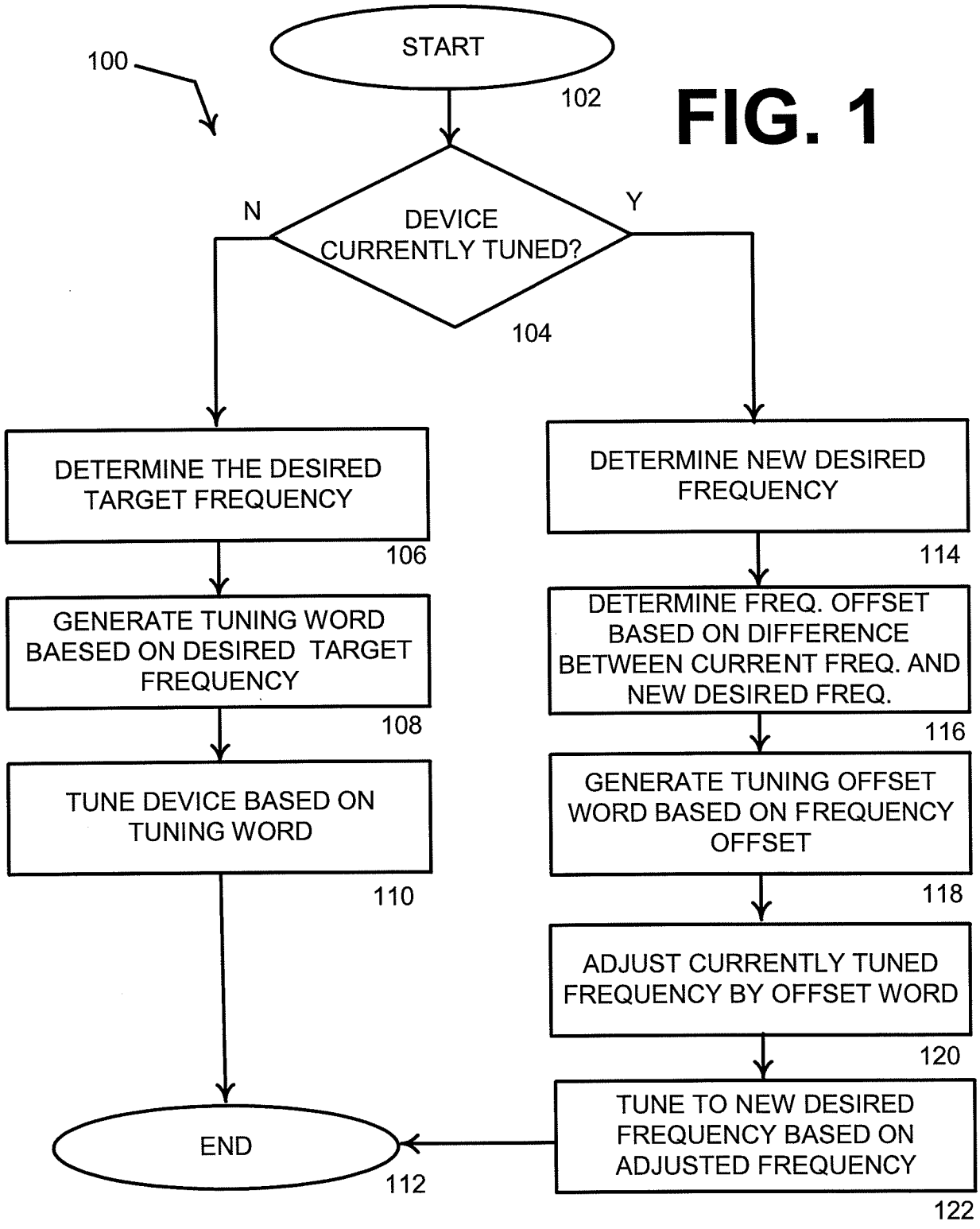
100
START
102
DEVICE CURRENTLY TUNED?
104
N
Y
DETERMINE THE DESIRED TARGET FREQUENCY
106
GENERATE TUNING WORD BAESED ON DESIRED TARGET FREQUENCY
108
TUNE DEVICE BASED ON TUNING WORD
110
END
112
DETERMINE NEW DESIRED FREQUENCY
114
DETERMINE FREQ. OFFSET BASED ON DIFFERENCE BETWEEN CURRENT FREQ. AND NEW DESIRED FREQ.
116
GENERATE TUNING OFFSET WORD BASED ON FREQUENCY OFFSET
118
ADJUST CURRENTLY TUNED FREQUENCY BY OFFSET WORD
120
TUNE TO NEW DESIRED FREQUENCY BASED ON ADJUSTED FREQUENCY
122

FIG. 1

FIG. 1